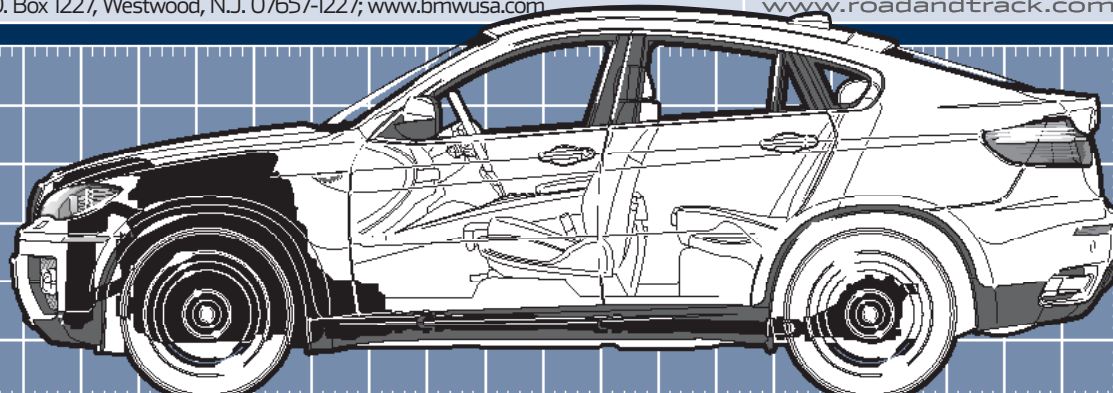


# BMW X6 xDrive50i (European Spec)

ROAD & TRACK

BMW of North America, P.O. Box 1227, Westwood, N.J. 07657-1227; www.bmwusa.com

www.roadandtrack.com



SCALE: 1/10 IN. (25.4mm) DIMENSIONS  
DRAWING BY TONY DALLER

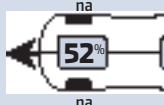
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SPECIFICATIONS

## PRICING

**List price** \$63,000  
**Price as tested** \$73,925  
Price as tested incl std equip. (ABS, dual front, side & curtain airbags, traction & yaw control, elect. adj. anti-roll bars [Adaptive Drive], iDrive navigation, Vermilion Red Metallic paint, leather, tilt/telescoping steering, keyless entry; pwr windows, mirrors & door locks), Sport Pkg (Electronic Damper Control, Shadowline trim, anthracite headliner, increased speed limiter, 20-in. wheels with perf. run-flat tires) \$4050, Premium Sound Pkg (hi-fi audio, 6-disc DVD, iPod/USB adapter) \$2000, Active Steering (\$1400), head-up display (\$1200), Comfort access (\$1000), pwr tailgate (\$500), dest charge (\$775).

## GENERAL DATA

**Curb weight** est 5270 lb  
**Test weight** est 5470 lb  
**Weight dist (with driver), f/r %**  
  
**Wheelbase** 115.5 in.  
**Track, f/r** 64.7 in./67.2 in.  
**Length** 192.0 in.  
**Width** 78.1 in.  
**Height** 66.5 in.  
**Ground clearance** 8.3 in.  
**Trunk space** 25.5 cu ft

## ACCOMMODATIONS

**Seating capacity** 4  
**Head room Front:** 39.0 in.  
**Rear:** 36.0 in.  
**Seat width Front:** 2 x 18.5 in.  
**Rear:** 2 x 17.5 in.  
**Front-seat leg room** 43.0 in.  
**Rear-seat knee room** 24.5 in.  
**Seatback adjustment** 60 deg  
**Seat travel** 9.3 in.

## INSTRUMENTATION

260-km/h speedometer, 7000-rpm tachometer with variable redline, coolant temp, fuel level

## SAFETY

dual front, side & curtain airbags, traction & yaw control, seatbelt pretensioners, seatbelt force limiters (all standard equip.)

## WARRANTY

**Basic warranty** 4 years/50,000 miles  
**Powertrain** 4 years/50,000 miles  
**Rust-through** 12 years/unlimited miles

## ENGINE

**Type/layout** aluminum block & heads, twin-turbo V-8/longitudinal  
**Valvetrain** dohc 4-valve/cyl, variable timing, chain drive  
**Displacement** 268 cu in./4395 cc  
**Bore x stroke** 3.50 x 3.48 in./89.0 x 88.3 mm  
**Compression ratio** 10.0:1  
**Horsepower (SAE)** 400bhp@5500-6400rpm  
**Bhp/liter** 91.0  
**Torque** 450 lb-ft@1750-4500rpm  
**Redline/limiter** 6500/6800 rpm  
**Fuel injection** direct  
**Recommended fuel** premium unleaded

## DRIVETRAIN

**Transmission:** 6-speed automatic  
**Gear Ratio Overall ratio (Rpm) Mph**  
**1st** 4.17:1 15.18:1 (6800) **38**  
**2nd** 2.34:1 8.52:1 (6800) **67**  
**3rd** 1.52:1 5.53:1 (6800) **103**  
**4th** 1.14:1 4.15:1 (6800) **137**  
**5th** 0.87:1 3.17:1 est (5850) **155\***  
**6th** 0.69:1 2.51:1 est (4650) **155\***  
**Final drive ratio** 3.64:1  
**Engine rpm @ 60 mph in top gear** 1800  
\*Electronically limited.

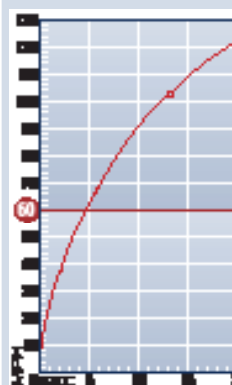
## CHASSIS & BODY

**Layout** front engine/all-wheel drive  
**Body/frame** unit steel  
**Brakes Front:** 14.4-in. vented discs/1-piston sliding calipers  
**Rear:** 13.6-in. vented discs/1-piston sliding calipers  
**Assist type** vacuum, ABS  
**Wheels Front:** cast alloy, 20 x 10  
**Rear:** cast alloy, 20 x 11  
**Tires** Dunlop SP Sport Maxx DSST RSC  
**Front:** 275/40R-20 106W  
**Rear:** 315/35R-20 110W  
**Spare tire** none, run-flats  
**Steering** rack & pinion, variable assist  
**Steering ratio** na, elect. variable  
**Steering-wheel diameter** 15.5 in.  
**Turns, lock to lock** 2.0 (stationary)  
**Turning circle** 42.0 ft  
**Suspension**  
**Front:** upper & lower A-arms, coil springs, elect. adj tube shocks, elect. adj anti-roll bar  
**Rear:** multilink, coil springs, elect. adj tube shocks, elect. adj anti-roll bar

PERFORMANCE

## ACCELERATION

**Time to distance seconds**  
**0-100 ft** 2.6  
**0-500 ft** 7.2  
**0-900 ft** 10.4  
**0-1320 ft (1/4 mile) n** 13.4 @ 102.8 mph



**Time to speed, sec**  
0-120 mph **19.3**  
0-110 mph **15.5**  
0-100 mph **12.5**  
0-90 mph **10.0**  
0-80 mph **8.0**  
0-70 mph **6.3**  
0-60 mph **4.8**  
0-50 mph **3.6**  
0-40 mph **2.5**  
0-30 mph **1.5**  
0-20 mph **0.8**  
0-10 mph **0.2**  
— = 1/4 mile

## BRAKING

**Minimum stopping distance**  
**From 60 mph** 116 ft  
**From 80 mph** 208 ft  
**Total swept area** 924 sq in.  
**Swept area/ton** 351 sq in.

## HANDLING

**Lateral acceleration\*** 0.90g  
**Balance** mild understeer  
**Slalom speed\*\*** 64.9 mph  
**Balance** mild understeer  
**Lateral seat support** good  
\*200-ft skidpad; \*\*700-ft slalom, 100-ft spacing.

## FUEL ECONOMY

**Our driving** est 14.0 mpg  
**EPA city/highway** 13/18 mpg  
**Cruise range** est 301 miles  
**Fuel capacity** 22.5 gal.

## INTERIOR NOISE

**Idle in neutral** 46 dBA  
**Maximum in 1st gear** 71 dBA  
**Constant 50 mph** 62 dBA  
**Constant 70 mph** 67 dBA

## TEST CONDITIONS

**Temperature** 59° F  
**Humidity** 85%  
**Elevation** 500 ft  
**Wind** calm  
**Location** Laurens, South Carolina

## 0-60 mph

**4.8 sec**

## 0-1/4 mile

**13.4 sec**

## Top speed

**155 mph\***

## Skidpad

**0.90g**

## Slalom

**64.9 mph**

\*Electronically limited.

## Test Notes:

### ACCELERATION

Disable traction control and engage sport mode. Load the torque converter to about 2700 rpm before releasing the brake pedal and allowing the transmission to handle the shifts for you.

## Test Notes:

### BRAKING

With a firm and responsive brake pedal, the X6 holds steady even under heavy braking in wet conditions. The brakes are also very consistent as all three runs from 60 mph were within a foot of each other.

## Test Notes:

### HANDLING

Active anti-roll bars, shocks, rear differential, awd and steering add up to an unusual SUV. Its handling limits correlate with its hefty curb weight, but it executes such maneuvers with great composure.

AT A GLANCE